

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L4	2	("6857113").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/03/08 08:16
L5	1	(frequency with current) and 4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/08 08:19
L6	12438	(frequency with current with (function or table or file))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/08 08:21
L7	2897	(rout\$3 or wiring) and 6	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/08 08:21
L8	10678	(frequency with current with function)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/08 08:30
L9	2378	(rout\$3 or wiring) and 8	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/08 08:21
L10	1281	(routing or wiring) and 8	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/08 08:30
L11	19	cad and 10	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/08 08:31
L12	182	(frequency with current with density with function)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/08 08:32
L13	23	(routing or wiring) and 12	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/08 08:33
L14	4	cad and 13	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/08 08:34

## EAST Search History

L15	4550	(frequency with current with density)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/08 08:34
L17	89	routing and 15	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/08 08:35
L18	5	cad and 17	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/08 08:35
L19	5347	frequency same (current adj density)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/08 08:52
L20	103	routing and 19	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/08 08:52
L21	6	cad and 20	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/08 08:53
L22	2	("6823500").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/03/08 08:43
L23	1	(current with (frequency or speed)) and 22	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/08 08:43
L24	6177	frequency same (current near3 density)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/08 09:16
L25	117	routing and 24	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/08 09:17
L26	6	cad and 25	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/08 08:53
L27	3	eda and 25	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/08 08:53

## EAST Search History

L28	3008	(frequency or hertz or hz or khz or mhz or ghz) with (current near3 density)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/08 09:17
L29	63	routing and 28	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/08 09:18
L30	6219	(file or function or table or library) with (current near3 density)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/08 09:25
L31	7	29 and 30	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/08 09:20
L32	13268	(file or function or table or library) same (current near3 density)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/08 09:26
L33	8	29 and 32	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/08 09:26
L34	386210	(file or function or table or library) with (frequency or speed)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/08 09:29
L35	39	29 and 34	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/08 09:30
L36	672127	(file or function or table or library) same (frequency or speed)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/08 09:29
L37	47	29 and 36	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/08 09:30
L38	5	(cad or eda) and 37	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/08 09:36
L39	36	(dc or (direct adj current)) and 37	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/08 09:36

## EAST Search History

L40	23	(direct adj current) and 37	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/08 09:32
L41	38	(cad or eda) and 28	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/08 09:37
L42	16	(dc or (direct adj current)) and 41	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/08 09:36
L46	2	("20060080630").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/03/08 14:10
L47	1	(density with current) and 46	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/08 12:35
L48	1	(width with (different or variable)) and 46	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/08 14:10

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S47	4522	(frequency or speed) with (net or wir\$3 or path or connection or interconnection) with (file or table or datafile)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/07 08:52
S48	1650	rout\$3 and S47	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/07 08:51
S49	344	((frequency or speed) with (warn\$3 or message or note)) and S48	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/07 08:53
S50	234	((frequency or speed) with (warn\$3 or message)) and S48	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/07 08:53
S51	13	(cad or eda) and S50	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/07 09:09
S52	15	(cad or eda) and S49	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/07 09:22
S53	1033	(Bowers.xa. or Levin.xa.) and (width near3 wir\$3 or connect\$3 or interconnect\$3 or net)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/07 09:29
S54	192	frequency and S53	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/07 09:30
S55	29	(cad or eda) and S54	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/07 09:26
S56	71	(Bowers.xa. or Levin.xa.) and (width near3 (wir\$3 or connect\$3 or interconnect\$3 or net))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/07 09:30
S57	25	frequency and S56	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/07 09:37

## EAST Search History

S58	6	dc and S57	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/07 09:46
S59	2	(router or routing) and S58	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/07 12:07
S60	8	(router or routing) and S57	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/07 10:26
S61	186513	((message or warn\$3 or error or note) with (frequency or speed))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/07 10:27
S62	2	S60 and S61	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/07 10:27
S63	88	(current adj density) with frequency with function	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/07 12:20
S64	13	(router or routing) and S63	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/07 12:22
S65	1	(greedily or greed\$1) and S64	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/07 12:10
S66	1	(greedily or greed\$1) and S63	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/07 12:29
S67	2326	(current adj density) with frequency	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/07 12:28
S68	72	(router or routing) and S67	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/07 12:28
S69	23	(router or routing or wiring) and S63	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/07 12:25

## EAST Search History

S70	2	("20030172358").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/03/07 12:25
S71	0	(current adj density) and S70	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/07 12:25
S72	0	(current near2 density) and S70	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/07 12:26
S73	0	(current near6 density) and S70	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/07 12:27
S74	1	density and S70	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/07 12:26
S75	1	current and S70	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/07 12:27
S76	1313	(current adj density) near6 frequency	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/07 13:02
S77	170	(router or routing or wiring) and S76	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/07 13:19
S78	1	(greedily or greed\$1) and S77	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/07 13:04
S79	19	(cad or eda) and S77	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/07 13:06
S80	6	"716"/\$.ccls. and S77	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/07 13:04
S81	3321	(current near3 density) near6 (frequency or speed)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/07 13:03

## EAST Search History

S82	168	(current near3 density) near6 (frequency or speed) with (table of file or function or data)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/07 13:07
S83	1	(greedily or greed\$1) and S82	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/07 13:09
S84	4	"716"/\$.ccls. and S82	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/07 13:07
S85	3	(cad or eda) and S82	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/07 13:08
S86	305	(current near3 density) with (frequency or speed) with (table of file or function or data)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/07 13:10
S87	5	"716"/\$.ccls. and S86	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/07 13:10
S88	7	(cad or eda) and S86	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/07 13:17
S89	1	(greedily or greed\$1) and S86	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/07 13:16
S90	624	((current near3 density) with (frequency or speed)) same (table of file or function or data)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/07 13:28
S91	7	"716"/\$.ccls. and S90	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/07 13:10
S92	1	(greedily or greed\$1) and S90	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/07 13:16
S93	13	(cad or eda) and S90	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/07 13:17



## EAST Search History

S94	109	(router or routing or wiring) and S90	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/07 13:38
S95	35	DC and S94	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/07 13:24
S96	17	AC and S95	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/07 13:20
S97	0	((current near3 density) with (frequency or speed)) with lut	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/07 13:29
S98	0	((current near3 density) with (frequency or speed)) with (look-up or (look adj up))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/07 13:29
S99	0	((current near6 density) with (frequency or speed)) with (look-up or (look adj up))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/07 13:30
S10 0	5	((current near6 density) with (frequency or speed)) same (look-up or (look adj up))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/07 13:36
S10 1	119600	(DC or (direct adj current)) with (frequency or speed)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/07 13:48
S10 2	12083	(router or routing or wiring) and S101	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/07 13:38
S10 3	665	((router or routing or wiring) with (floorplan\$\$ or (floor adj plan\$4) or physical or shape or geometry)) and S102	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/07 13:49
S10 4	66	((warn\$3 or message or note) with (frequency or speed)) and S103	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/07 13:43
S10 5	47	((warn\$3 or message) with (frequency or speed)) and S103	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/07 13:43

## EAST Search History

S10 6	3	(cad or eda) and S105	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/07 13:43
S10 7	191	(DC or (direct adj current)) with (frequency or speed) with (warn\$3 or message)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/07 13:50
S10 8	3	((router or routing or wiring) with (floorplan\$\$ or (floor adj plan\$4) or physical or shape or geometry)) and S107	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/07 13:50
S10 9	3510	(DC or (direct adj current)) with (frequency or speed) with (warn\$3 or message or error)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/07 13:57
S11 0	13	((router or routing or wiring) with (floorplan\$\$ or (floor adj plan\$4) or physical or shape or geometry)) and S109	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/07 14:13
S11 1	22	((router or routing or wiring) same (floorplan\$\$ or (floor adj plan\$4) or physical or shape or geometry)) and S109	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/07 13:58
S11 2	408	((DC or (direct adj current)) with (warn\$3 or message)) same (frequency or speed)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/07 14:18
S11 3	9	((router or routing or wiring) same (floorplan\$\$ or (floor adj plan\$4) or physical or shape or geometry)) and S112	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/07 13:59
S11 4	40	((router or routing or wiring) and (floorplan\$\$ or (floor adj plan\$4) or physical or shape or geometry)) and S112	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/07 14:00
S11 5	61	(router or routing or wiring) and S112	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/07 14:00
S11 6	0	"706"/\$.ccls. and S115	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/07 14:00
S11 7	0	"716"/\$.ccls. and S115	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/07 14:01

## EAST Search History

S11 8	0	"716"/\$.ccls. and S112	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/07 14:17
S11 9	2	((DC or (direct adj current)) same (warn\$3 or message)) same (frequency or speed)) and "716"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/07 14:05
S12 0	215	((router or routing or wiring) with (floorplan\$\$ or (floor adj plan\$4) or physical or shape or geometry)) and greedy	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/07 14:14
S12 1	1	(router or routing or wiring) with (floorplan\$\$ or (floor adj plan\$4) or physical or shape or geometry) with greedy	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/07 14:16
S12 2	68	(router or routing or wiring) with greedy	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/07 14:16
S12 3	13	"716"/\$.ccls. and S122	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/07 14:17
S12 4	7	S123 and (frequency or speed)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/07 14:25
S12 5	10	S123 and width	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/07 14:49
S12 6	1	gridless same greedy	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/07 14:51
S12 7	21	gridless and greedy	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/07 14:51